

CLAIMS

1. An intrafinder display apparatus for a camera, comprising:

a finder optical system;

5 an organic electroluminescence device formed on a surface of an optical member arranged near an image formation surface of said finder optical system; and

10 a drive circuit for driving said organic electroluminescence device.

15 2. An apparatus according to claim 1, wherein the optical member includes any of a screen mat constituting a focal plane plate and a prism.

20 3. An apparatus according to claim 1, wherein said organic electroluminescence device is comprised of a surface illuminant capable of selectively switching emission light to a desired color of a plurality of colors, and

25 said drive circuit is so driven as to allow an emission light color of said organic electroluminescence device to be switched in accordance with an operation state of a camera.

4. An intrafinder display apparatus for a camera, comprising:

25 a liquid crystal display element placed in a finder optical system to display information;

an organic electroluminescence device formed on the surface of said liquid crystal display element; and

a drive circuit for driving said organic electroluminescence device.

5. An intrafinder display apparatus for a camera, comprising:

5 a finder optical system;

an organic electroluminescence device formed on a surface of an optical member arranged near an image formation surface of said finder optical system;

10 an EL drive circuit for driving said electroluminescence device; and

15 a display member arranged in front of said organic electroluminescence device and having an intrafinder display pattern, wherein intrafinder display is effected by illuminating said display member with said organic electroluminescence device.

6. An apparatus according to claim 5, wherein the optical member is comprised of a screen mat.

7. An apparatus according to claim 5, wherein  
20 said finder optical system includes a prism optical element, and

said organic electroluminescence device is formed on one face of said prism optical element.

8. An apparatus according to claim 5, wherein  
25 said finder optical system includes a liquid crystal display element, and

said organic electroluminescence device is formed on at least one surface of said liquid crystal display

element.

9. An apparatus according to claim 5, wherein  
said organic electroluminescence device is formed on  
the surface of the optical member by any of a vapor  
5 evaporation, spin coating, dipping and photobleaching  
method.

10. An intrafinder display apparatus for a camera,  
comprising:

10 a liquid crystal display element formed in a  
finder optical path to allow transmittance of light  
which is incident from a back surface to vary;

15 an organic electroluminescence device comprised of  
a surface illuminant capable of selectively switching  
emission light to a desired color of a plurality of  
colors and formed on said liquid crystal display  
element; and

display control means for allowing the emission  
light color of said organic electroluminescence device  
to vary.

20 11. An intrafinder display apparatus for a camera,  
comprising:

a plurality of optical elements constituting  
a finder of the camera;

25 a pattern generator arranged in an optical path of  
the finder and generating a display pattern of the  
finder under control of transmitting light; and

an organic electroluminescence device formed on

any of one of said plurality of optical elements and a surface of said pattern generator to illuminate said pattern generator.

12. An apparatus according to claim 11, wherein  
5 the organic electroluminescence device is provided on a surface of the optical element near an image formation surface in the finder.

13. An apparatus according to claim 11, wherein  
10 said organic electroluminescence device has a plurality of selectable emission light colors.

14. An apparatus according to claim 11, wherein said pattern generator is comprised of a transmitting type liquid crystal element.

15. An intrafinder display apparatus for a camera, comprising:

a screen mat arranged near a primary image forming surface in a finder optical path and providing an effective visual field and a finder image;

20 a transmitting type liquid crystal panel arranged near said screen mat and displaying a panorama mask at least at the taking of a panorama;

an organic electroluminescence device allowing light to be emitted in a plurality of colors; and

25 a CPU for controlling said liquid crystal panel and organic electroluminescence device.

16. An apparatus according to claim 15, wherein said organic electroluminescence device is formed at

an area other than an effective visual field upon the taking of a subject.

17. An apparatus according to claim 15, wherein said organic electroluminescence device is formed on 5 cover glass of a liquid crystal panel for panorama display.

18. An apparatus according to claim 15, wherein a desired display pattern is obtained by either forming 10 a light shielding pattern defined by cutting a display pattern on said organic electroluminescence device or forming said organic electroluminescence device to a display pattern configuration.

19. An apparatus according to claim 15, wherein said organic electroluminescence device is controlled 15 directly by said CPU.

20. An apparatus according to claim 15, wherein said screen mat is of an exchange type and is adapted to be electrically connected to a mounting section on a camera body side.

20 21. A focal plane plate for exchange comprising:  
a screen for focusing;  
an organic electroluminescence device arranged at an area other than an effective visual field of said screen; and

25 an electrical contact section provided at one side portion of said screen to correspond to an electrical contact section on a camera side and connecting a drive

circuit on the camera side and said organic electro-luminescence device when the focal plane plate for exchange is mounted on the camera.